

MONTANA STATE DEPARTMENT OF HEALTH

APPLICATION FOR TREATED INDUSTRIAL WASTE DISCHARGE PERMIT

Application is hereby made for a permit to discharge wastes into the state waters in accordance with Sections 69-4806 through 69-4808 of the 1947 Revised Codes of Montana and State Board of Health Regulation No. 52.40-10.

Name of Company ANACONDA ALUMINUM COMPANY

Address Box 10 City Columbia Falls, Montana 59912

Name of Receiving Waterway None

State Department of Health records indicate that plans and specifications for the above described plant were received and approved on the following dates:

<u>Description</u>	<u>Received</u>	<u>Approved</u>
<u>Plan of sewage treatment dated March 22, 1964</u>	<u>July 24, 1964</u>	
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If changes have been made or if State Department of Health records indicated are incomplete, submit the necessary material to adequately indicate the existing or proposed waste treatment facilities.

Additional information is needed on the following items: (please attach material requested)

Sketch showing points and volume of usage of process water, origin and volume of waste flows and waste treatment facilities. If chemical analyses are available of these wastes, please submit this information.

If the above requested information cannot be supplied, please give reasons:

N/A

Plant Operation:

Continuous X Intermittent

If Intermittent:

Days operated per year 365

Hours operated per day 24

Production:

Description and amounts of raw materials used: Alumina-352,000 Tons/Year;
Coke-73,000; Coal Tar Pitch-37,000; Cryolite-2,100; Aluminum Fluoride-12,350;
Burnt Lime-7,200 and Borax-39 tons/Year.

Description and amounts of products produced: 177,000 tons primary
aluminum and alloys.

Waste Disposal: (Your permit will be based on the values listed below. For this reason, it is necessary to have accurate information.)

Average daily flow of wastes: 60-90 Maximum daily flow: 120

Waste concentrations (average and maximum): See yearly report.

Are waste characteristics changed during storm or snow runoff? No

What provisions are made for storm runoff? Storm drains carry runoff
to settling ponds.

List additional treatment or changes in waste disposal methods now planned:
Chlorinator and settling pond.

Waste Monitoring:

What information will you send to the State on analyses of your wastes?
Yearly report, as has been done previously.

At what frequency will the analyses be provided? Semi-monthly

Sewage Disposal:

Number of employees at plant: 943

Means of sewage disposal: Primary treatment (aerator and digester).

Signed C. M. Hook Title Manager of Environmental Control Date 10-16-68